



**International Conference on**  
**Affordable strategies for Health**  
**and Environment**  
 **ASHE-2019**

(Under the Aegis of ICETE 2019 Multi-Conference Platform)

May 23 - 24, 2019 | N.M.A.M.I.T., Nitte



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution affiliated to VTU, Belagavi)  
(ISO 9001:2015 Certified), Accredited with 'A' Grade by NAAC

## About the Institute

N.M.A.M. Institute of Technology was established in 1986. The college is affiliated to Visvesvaraya Technological University, Belagavi and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Institute is accredited by National Assessment & Accreditation Council (NAAC) and all the programs are accredited by National Board for Accreditation (NBA). Institute is placed in "A" grade by NAAC Bengaluru. Institute is certified by ISO 9001-2015 standards for quality education by NVT Quality Certifications (ANAB accredited). The institution has been granted Academic Autonomy under the Visvesvaraya Technological University from 2007-08.

The Institute offers graduate programs in 7 branches of Engineering - Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Science and Engineering, Mechanical Engineering and Biotechnology. The college also offers postgraduate programs like Master of Technology, Master of Computer Applications and Master of Business Administration. All departments have been recognized as research centres for offering M.Sc. (Engg.) & Ph.D. programmes under VTU, Belagavi.

The Institute is located on Padubidri-Karkala State Highway which is well connected with Mangaluru (60 KM) and Udupi/Manipal (45 KM) through NH 66 & NH 169. The participants can alight at Mangaluru or Udupi Railway Stations/Bus Terminals or Mangaluru Airport to reach the Institute.

## About the Department

B.E in Biotechnology was introduced in 2002 to train the students in biological applications of Engineering principles. The plunge was taken being assured of assistance by sister institutions, KSHEMA- the KS Hegde Medical Academy that offers MBBS courses & the NGSM College of pharmaceutical sciences.

The B.E. programme in Biotechnology is accredited for 3 years (2018-19 to 2020-21) by National Board of Accreditation (NBA). Research has been the tradition of the department. Faculty members of Biotechnology department have received research grants totalling Rs. 2 crore 1 lakh. Department has filed seven patents based on research work.

The department is recognized as research center under VTU, Belagavi and 7 research scholars have registered for their doctoral programme. The faculties are actively involved in sponsored research projects funded by various organizations such as Department of Biotechnology, Ministry of Science and Technology, Government of India; Department of Atomic Energy-Board of Research in Nuclear Sciences, Government of India and Karnataka State Biofuel Development Board, Government of Karnataka. A pilot scale plant for Biodiesel production, demonstration and information dissemination has been established under Biotechnology Department funded by Karnataka State Biofuel Development Board, Bengaluru.

The department is recognized as Centre of Innovative Science & Engineering Education (CISEE) in Biofuel Production by Vision Group on Science & Technology (VGST), Govt. of Karnataka.

## About the Conference

International Conference on Emerging Trends in Engineering (ICETE-2019 A multi-conference platform) will be held on 23rd & 24th May 2019 at NMAM Institute of Technology, Nitte, Karnataka. The idea of multi conference platform has been mooted in order to focus on the specific issues associated with various Engineering fields

NMAM Institute of Technology, Nitte has been organizing International Conference on Emerging Trends in Engineering (ICETE) annually. ICETE aimed to provide a proper platform for Research scholars, Post Graduate students of Engineering & Technology and Industry professionals to deliberate, explore and contribute their research findings and to discuss the latest developments in the field of Engineering & Technology. Invited technical talks by eminent personalities from IIT and Foreign Universities on current topics of relevance, in different streams of engineering were also organized to help the participants in up-gradation of their knowledge about the recent advances in Engineering & Technology.

This year, ICETE-2019 - A Multi Conference Platform will be held as a collection of several International Conferences with themes specific to different engineering streams organized under a single umbrella. Following is the list of various International Conferences under ICETE-2019 - A Multi Conference Platform.

International Conference on health and environment (ASHE-2019) is a platform for exchange of knowledge from both individual and interdisciplinary researches pertaining to health and environment. This international Conference aims to bring together the researchers, scientists, engineers, scholar and students for providing international forum for the dissemination of original research results in the area of various strategies employed in health and environment for the societal benefit.

## Invited Speakers

### **Dr. Shibam Ganju**

Founder

Save a Mother foundation, USA

### **Dr. Narendra Chirmule**

Sr. Vice President & Head - Research & Development Biocon Limited

### **Dr. Hrishikesh Damle**

MD & CEO

Atrimed Pharmaceuticals Pvt. Ltd.,  
Bengaluru, India

### **Dr Srinivas Mutalik**

Professor, Department of Pharmaceutics  
Manipal College of Pharmaceutical  
Sciences, MAHE, Manipal

### **Dr. C. N. Prabhu**

Senior Scientist

Karnataka State Natural Disaster  
Monitoring Center (KSNDMC), Bengaluru,  
India

## Thrust Areas

T1: Biomonitoring, Waste Management and Bioremediation

T2: Renewable Energy, Conservation and Sustainable Development

T3: Infectious diseases, Metabolic disorders and molecular medicine

T4: Nanoscience, Nanomaterials and nanotechnology applications.

ASHE-2019 welcomes research papers on the below mentioned topics but not limited to:

### **Biomonitoring, Waste Management and Bioremediation**

Children and Public Health, Environmental Exposure, Biodegradation of Environmental Pollutants, Hazard Management, Diagnostics to detect and monitor environmental changes, Waste water management, Ecosystem, Solid Waste Management, E-waste Management, Bio-medical Waste Management, Agrobiotechnology, Organic Fertilizers

### **Renewable Energy, Conservation and Sustainable Development**

Biodiesel, Bioethanol, Biobutanol, Microbial production of Biofuel, Value added products, Biogas, In Situ Conservation, Design and Development of Bioreactors, Genetically Modified Organisms (GMOs), Living Modified Organisms (LMOs), Genetic Diversity, Impact Assessment.

### **Infectious diseases, Metabolic disorders and molecular medicine**

Omics, Systems Biology, Pharmacology, Phytomedicines, Infectious Agents, Infectious Vectors, Ethnomedicine and Ayurveda, Computer Aided Drug Design, Differential Gene Expression Analysis, Metabolic and Signalling Pathways, Molecular Medicines, Therapeutic Antibodies.

### **Nanoscience, Nanomaterials and nanotechnology applications**

Nanoparticles, Nanomaterials in Health and Medicine, Nanomembranes, Nanocarriers and Nanoinformatics, Nanoformulations, Nanodevices, Nanomaterials in Diagnostic Kits, Nanotechnology for Space Research, Nanotechnology in Agriculture, Biosynthesis of Nanoparticles, Nanochips in Healthcare Management, Nanomaterials and Affordability.

### **Patron:**

#### **Sri N. Vinaya Hegde**

Chancellor, Nitte-Deemed to be University, President, Nitte Education Trust, Mangalore.

### **Steering Committee:**

**Sri Vishal Hegde**, Pro-chancellor, Nitte- Deemed to be University

**Dr. N R. Shetty**, Chancellor, Central University, Karnataka

**Dr. B.S. Sonde**, Director, ASM Technologies Ltd, Bangalore

**Dr. G. Hemanth Kumar**, Vice Chancellor, Mysore University

**Dr. Omid Ansary**, Senior Associate Dean and Professor, Penn State university, U.S.A

**Dr. Samson Ojawa**, Professor, Ladoke Akintola University of Technology, Nigeria

**Dr. Shripad T. Revankar**, Professor, Perdue University, U.S.A

**Dr. Shuhaimi Mansor**, Professor, Universiti Teknologi Malaysia, Malaysia

### **General Chair:**

**Dr. Niranjana N. Chiplunkar**, Principal

### **Co-Chairs:**

**Dr. Srinivas Rao B.R.**, Vice Principal & Controller of Examinations

**Dr. I R Mithanthaya**, Vice Principal & Dean (Academics)

### **Conveners:**

**Dr. Sudesh Bekal**, Dean (R&D)

**Dr. Murlidhara**, PG Coordinator

### **Organizing Secretary:**

**Dr. Gururaj Upadhyaya**, Dept of Mechanical Engineering

### **Programme Chair:**

**Dr. C. Vaman Rao**, Professor and Head, Dept. of Biotechnology

### **Coordinators:**

**Dr. Vidya S.M.**, Professor, Dept. of Biotechnology, N.M.A.M.I.T., Nitte

**Mrs. Sneha Nayak**, Assistant Professor, Dept. of Biotechnology, N.M.A.M.I.T., Nitte

### **Program Committee:**

Dr. Shyam Prasad	Mr. Sandesh K	
Dr. Ujwal P.	Dr. Bharath B.R.	Mrs. Louella C. Goveas
Dr. Chetan D.M.	Mr. Venkatesh Kamath H.	Mrs. Harshitha M. J.
Dr. Anil Kumar H.S.	Mr. Vinayak B. Shet	Mr. Santhosh Poojary

### **Technical Advisory Committee:**

**Dr. Shibhan Ganju**, Founder, Save a Mother foundation, USA and chairman, Atrimed Pharmaceuticals Pvt. Ltd., Bengaluru

**Dr. Prasanna K. S.**, Assistant Professor at McGuire Research Institute, VAMC, Affiliate faculty at Virginia Commonwealth University, Division of Gastroenterology, Hepatology and Nutrition, Molecular Medicine Virginia, United States.

**Dr. Hrishikesh Damle**, MD & CEO, Atrimed pharmaceuticals pvt Ltd., Bangalore.

**Dr. Shashi Bala Prasad**, Senior Scientist, Dept. Of Biotechnology, IIT Madras.

**Dr. Ganesh A.**, Associate Director, International Centre for Applied Sciences – MAHE.

**Dr. Rekha P.D.**, Professor and Deputy Director, Yenepoya Research Centre, Yenepoya Deemed to be University, Mangaluru

**Dr. Rajesh K.P.**, Principal Scientist, Molecular Biology Lab, Biocon Research Limited, Bengaluru

**Mr. Amogh Bhatnagar**, Founder and Chief Technical Officer, Medha Innovation and Development Pvt. Ltd.

### **Organising Committee:**

**Sri Yogesh Hegde**, Registrar (NET Campus)

**Dr. Subrahmanya Bhat**, Professor and Dean (Student Welfare)

**Dr. K. Rajesh Shetty**, Dean (Admission & Alumni Affairs)

**Dr. Srinath K. Shetty**, Resident Engineer

**Dr. Srinivas Pai P**, Deputy Controller of Examinations

**Dr. Uday Kumar K. Shenoy**, Professor, Dept. of CSE

**Dr. P. Shankaran**, Prof. & Head, Dept of Mathematics

**Dr. Manjunath K.B.**, Asst. Professor & Head, Department of Physics

**Dr. Ramesh Bhat**, Associate Prof @ Head, Department of Chemistry

**Dr. H. Divakar Bhat**, Librarian.

**Mr. Krishnaraja Joisa**, Public relations officer

### **Important Dates**

Full paper submission	16 <sup>th</sup> Feb 2019
Author notification on paper acceptance	31 <sup>st</sup> March 2019
Camera ready & Copyright form submission ends on	10 <sup>th</sup> April 2019
Author Registration ends on	1 <sup>st</sup> May 2019
Conference Dates	23 <sup>rd</sup> -24 <sup>th</sup> May 2019

### **How to submit research paper?**

The papers are to be submitted through EasyChair Conference Management Tool. Visit conference website for more details. Queries related to the conference may be sent to [icete\\_ashe2019@nitte.edu.in](mailto:icete_ashe2019@nitte.edu.in)

1. Papers selected related to Pollution research Domain will be Published in the special issue of Scopus indexed journal "Environmental Science and Pollution research" (ISSN No: 1614-7499)"- after peer review by Springer publishers.
2. Papers shortlisted under other subject domains will be published in scopus indexed journal "Journal of Microbiology, Biotechnology and Food Sciences (ISSN No: 1338-5178)" after peer review by publishers.
3. Acceptance from the publishers for a special issue of some renowned international journals are in the process.

The research paper submitted should be original work and should not have been submitted in another conference or journal.

### Registration Fee:

The registration fee can be paid through Demand draft / NEFT.

Demand Draft: In favor of "**Principal, NMAMIT, Nitte**", payable at Syndicate Bank Nitte / SBI, Karkala, to be sent to the Conference finance chair before due date.

### NEFT/RTGS:

A/c Holder name : Principal, NMAMIT, Nitte Syndicate Bank, Nitte-574110

Account Type : S/B

Account No. : 01152200033493

IFS/RTGS code : SYNB0000115

SWIFT code : SYNBINBB014

MICR Code : 576025533.

The proof of NEFT payment (with UTR No., date & time, Paper Id) needs to be communicated through email to Conference finance chair Dr. Ujwal P. (Email [icete\\_ashe2019@nitte.edu.in](mailto:icete_ashe2019@nitte.edu.in) or Ph. No. 9900514490)

**For Foreign Delegates: 100 USD For Indian Delegates: Rs. 2000/-**

### Accommodation:

Accommodation will be provided on twin sharing basis in the institute hostel on request depending on the availability and first come first serve basis. For details regarding accommodation kindly contact Accomodation Chair Mr. Venkatesh Kamath (Email [icete\\_ashe2019@nitte.edu.in](mailto:icete_ashe2019@nitte.edu.in) or Ph. No. 9482097873)

### Contact details:

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**23<sup>rd</sup> - 24<sup>th</sup> May 2019**

**Registration Form**

Name : .....

Affiliation : .....

Department : .....

Mobile No : .....

Email Id : .....

Title of the paper :

Payment details (DD/ Online Transfer) :

Amount : ..... DD / Reference No : ..... Date : .....

Bank : .....

Signature : .....

Date :

Place :

Endorsement by the Head of the Institution

**Contact Details :**

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